

PATENT ABSTRACTS OF JAPAN

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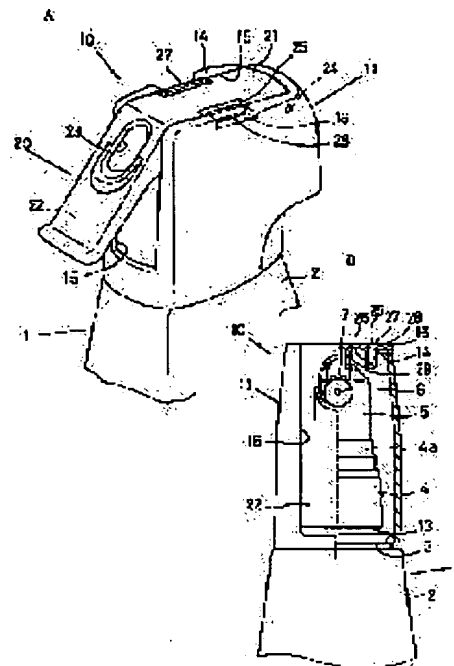
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(54) SIMPLE TRIGGER TYPE LIQUID SPRAYING CONTAINER

(57)Abstract:

PROBLEM TO BE SOLVED: To modify a conventional and widely known head pushing down type liquid spraying container into a trigger type liquid spraying container only by fitting a cap equipped with a trigger in the former spraying container, to install a safety apparatus, which makes trigger-operation possible or impossible, in the trigger type liquid spraying container, and to make it easy to attach/detach the safety apparatus.

SOLUTION: A head pushing down type liquid spraying container 1 is opened in a range from a rear part of the summit wall 14 to a lower part of the front face of the circumferential wall, the tip wall opened part is closed with a horizontal plate 21 whose rear part is journaled to the circumferential wall, a cap 10 of which a trigger 22 equipped with a window hole 23 is projected forward in a declivitous direction from the front edge of the horizontal plate is fitted, and tip ends of elastic plates 26, 26 formed by folding back and raising the down face of the horizontal plate 21 are inserted into cut parts 25, 25 formed in both sides of the horizontal plate 21. Next, stoppers 27, 27 installed in the tip ends are engaged with an upper edge of the open part of the summit wall and the stoppers are made possible to be pushed back to the cut parts and at the same time, tilting faces 28, 28 tilted outward in a declivitous direction are formed in the upper faces of the stoppers.



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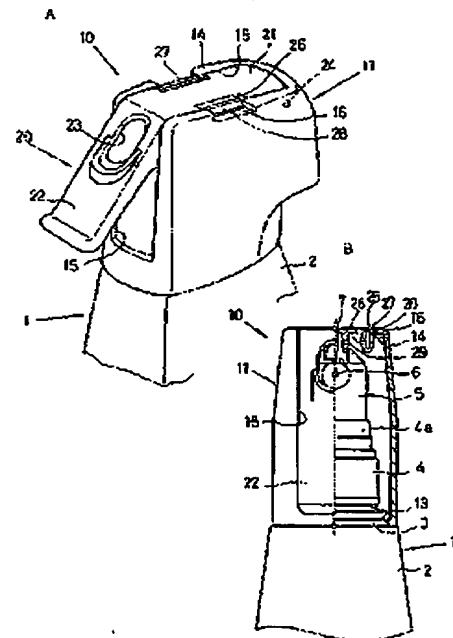
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(54) 【発明の名称】 簡易トリガー式液体噴出容器

(57) 【要約】

【課題】 従来公知のヘッド押下式液体噴出容器に、トリガー付きキャップを嵌合させるだけでトリガー式液体噴出容器とすることが可能とし、又該トリガー式液体噴出容器にトリガー操作を可能、不能とする安全装置を設け、該装置を施し、又取外すことが容易とした。

【解決手段】 ヘッド押下式液体噴出容器1に、頂壁14後部から隔壁前面下部までを開口し、その頂壁開口部分を隔壁に後部を根着させた水平板21で閉塞し、水平板前端から窓孔23付きのトリガー22を斜下前方へ突出するキャップ10を嵌合させ、水平板21両側に設けた切欠き25、25'内へ、水平板下面から折返して起立する弾性板26、26'先端を挿通させて、その先端に付設したストッパ27、27'を頂壁開口部分の上縁に係合させ、そのストッパは切欠き内へ押戻し可能とすると共にそのストッパ上面に斜下前方への傾斜面28、28'を付設した。



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【特許請求の範囲】

【請求項1】 容器本体内部から上方へ付勢状態で起立するステム上端に、前方開口のノズル孔付きヘッド5を嵌合させた、ヘッド押下げ式の液体噴出容器1と、上記容器本体上部へ凹凸の係合手段を介して嵌合させたトリガー付きキャップ10とからなり、該キャップは、頂壁14後部から周壁前部上端を通り周壁前部下端までを連続開口15するキャップ本体11と、上記頂壁の開口部分を、後部を周壁に根着させた水平板21で閉塞し、該水平板前縁から斜下前方へトリガー22を突設する屈曲板部材20とで形成し、上記水平板21の一部左右両側に形成した切欠き25、25内へ、水平板21下面からU字状に折返して起立する弾性板26、26の先端部を挿通させると共に、これ等弾性板先端に付設したストッパ27、27を頂壁開口部分の上縁へ、弾性板の弾性に抗して切欠き25、25内への挿入が可能に係合させ、又それ等ストッパ上面には、それ等ストッパを、頂壁開口部分下方から上方へ弾性板の弾性に抗して強制通過させるための、左右下外方への傾斜面28、28を付形し、更にストッパが頂壁開口部分下方に位置する状態からトリガー22を下後方へ引き寄せることでの水平板前部の下降でヘッド5を押下げ可能とし、更に又トリガー上部に、ノズル孔6からの噴出液体通過用窓孔23を穿設したことを特徴とする、簡易トリガー式液体噴出容器。

【請求項2】 ヘッド5上面の前後方向に係合溝7を穿設すると共に、水平板21下面から垂設した係合板29を上記係合溝7内へ摺動可能に係合させてヘッド5の回転を阻止すると共に、トリガー22を下後方へ引き寄せして水平板21で行うヘッド5の押下げを、上記係合板29を介して行うよう設けたことを特徴とする、請求項1記載の簡易トリガー式液体噴出容器。

【請求項3】 キャップ本体頂壁14の前後方向中間部の両側に溝部16、16を穿設して、該溝部内へストッパ27、27を嵌合させたことを特徴とする、請求項1又は請求項2記載の簡易トリガー式液体噴出容器。

【発明の詳細な説明】

【0001】

【発明の属する技術分野】本発明は、広く知られているポンプないしエアゾールの、ヘッド押下げ式液体噴出容器にトリガー付きキャップを嵌合させて形成した、簡易トリガー式液体噴出容器に関する。

【0002】

【従来の技術】従来知られているトリガー式液体噴出容器は、例えば実開平4-17855号が示すように、噴出器全体をピストル形状に形成しているが、該噴出器は構造が複雑となるためコストが高価となる。

【0003】

【発明が解決しようとする課題】本発明は、従来使用されているポンプないしエアゾールのヘッド押下げ式液体噴出容器に、トリガー付きキャップを嵌合させるだけで

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形成した簡易トリガー式液体噴出容器に安全装置を設け、該安全装置を施した状態では、トリガーに他物が触れる等してもそのために液体噴出することがないように、又その構造、および安全装置の実施、取外し操作が簡易かつ確実であるよう、更に使用上便利であるよう設けたものである。

【0004】

【課題を解決するための手段】第1の手段として、容器本体内部から上方へ付勢状態で起立するステム上端に、前方開口のノズル孔付きヘッド5を嵌合させた、ヘッド押下げ式の液体噴出容器1と、上記容器本体上部へ凹凸の係合手段を介して嵌合させたトリガー付きキャップ10とからなり、該キャップは、頂壁14後部から周壁前部上端を通り周壁前部下端までを連続開口15するキャップ本体11と、上記頂壁の開口部分を、後部を周壁に根着させた水平板21で閉塞し、該水平板前縁から斜下前方へトリガー22を突設する屈曲板部材20とで形成し、上記水平板21の一部左右両側に形成した切欠き25、25内へ、水平板21下面からU字状に折返して起立する弾性板26、26の先端部を挿通させると共に、これ等弾性板先端に付設したストッパ27、27を頂壁開口部分の上縁へ、弾性板の弾性に抗して切欠き25、25内への挿入が可能に係合させ、又それ等ストッパ上面には、それ等ストッパを、頂壁開口部分下方から上方へ弾性板の弾性に抗して強制通過させるための、左右下外方への傾斜面28、28を付形し、更にストッパが頂壁開口部分下方に位置する状態からトリガー22を下後方へ引き寄せることでの水平板前部の下降でヘッド5を押下げ可能とし、更に又トリガー上部に、ノズル孔6からの噴出液体通過用窓孔23を穿設した。

【0005】第2の手段として、上記第1の手段を有すると共に、ヘッド5上面の前後方向に係合溝7を穿設すると共に、水平板21下面から垂設した係合板29を上記係合溝7内へ摺動可能に係合させてヘッド5の回転を阻止すると共に、トリガー22を下後方へ引き寄せして水平板21で行うヘッド5の押下げを、上記係合板29を介して行うよう設けた。

【0006】第3の手段として、上記第1、又は第2の手段を有すると共に、キャップ本体頂壁14の前後方向中間部の両側に溝部16、16を穿設して、該溝部内へストッパ27、27を嵌合させた。

【0007】

【発明の実施の形態】1はヘッド押下げ式の液体噴出容器である。該液体噴出容器は、それぞれ公知のポンプ式又はエアゾール式のいずれでもよい。図示例は、ポンプ式の液体噴出容器で、2は胴部上端に凹溝3を周設した容器本体、4は容器本体口頸部に螺合させた装着筒、5は容器本体内部に垂設されたシリンダ内から上方付勢されて起立するステム上端へ嵌合させた、上部前面にノズル孔6を開口するヘッドで、その上面には前後方向への係合溝7を穿設している。

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【0008】10は上記容器本体上部へ嵌合させたキャップで、該キャップはキャップ本体と屈曲板部材とからなる。

【0009】キャップ本体11は、周壁12下端内面に周設した凸条13を上記凹溝3内へ嵌合させている。又その周壁の上端面を閉塞する頂壁14の後部から、周壁前部上端を回り周壁前面下部までを連続して開口15している。頂壁14の前後方向中間部には後述ストッパ係合用の溝部16、16を形成させるとよい。

【0010】屈曲板部材20は、上記頂壁の開口部分を閉塞する水平板21前部から斜下前方へトリガー22を突設するもので、そのトリガー上部には、既述ノズル孔6からの噴出液体通過用窓孔23を穿設している。その水平板21はその後部を周壁12にピン24で恒着し、又その前後方向中間の左右両側部に切欠き25、25を形成し、又これ等切欠き内へ、水平板21下面からU字状に折返して起立する弾性板26、26先端部を遊挿させると共に、これ等弾性板先端にストッパ27、27を付設して、これ等ストッパを既述溝部16、16内へ嵌合させている。これ等ストッパは弾性板の弾性に抗して、上記切欠き25、25内へ押戻し可能とし、該押戻し状態から水平板21前部を押下げ、ないしトリガー22前部を下後方へ引き寄せすることで、図3が示すように頂壁14下方へ移動可能とする。又それ等ストッパ上面には、左右下方外への傾斜面28、28を付形して、その傾斜面上部に頂壁開口部分の下端内縁が接するよう設け、該状態からは、トリガー22を前上方へ引上げることで弾性板26が弾性変形し、ストッパ27、27が内方へ押込まれて頂壁開口部分を通過し、すると再び弾性復元して図1AおよびBが示すようにストッパ下面が溝部16、16の上内縁へ係合するよう設けておく。

【0011】更に水平板21下面からは、既述ヘッド5の係合溝7の左右内面へ係合する係合板29、29を垂下し、上記のようにストッパ27、27を頂壁14下方へ位置させたとき、それ等係合板29、29下端が係合溝7底面に接し、該状態からのトリガー操作でヘッド5が押下げられてそのノズル孔6から液体を噴出するよう設けている。

【0012】尚それ等係合溝7と係合板29、29は、それ等の係合によりヘッド5の回転を阻止してノズル孔6から噴出する液体が、必ずトリガー上部の窓孔23を通過するよう設けた。ヘッド5の回転阻止手段であるから、該手段は、例えば容器本体口頸部に螺合させた装着筒4から起立するガイド筒4aとヘッド5とに、縦溝と該縦溝内を上下動する係合子とで形成することが出来、その他種々の手段が考えられる。図示例と異なるヘッド回転阻止手段を設ける場合は、水平板21下面で直接ヘッド5を押下げて液体噴出させることも出来る。

【0013】又図示例では、キャップ本体頂壁14の前後方向中間部に溝部16、16を設け、その溝部内へストッパ27、27を係合させたが、その溝部は必しも必要とせず、

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この場合はストッパを頂壁開口部分の上縁へ係合させればよい。

【0014】

【発明の効果】本発明は既述構成とするものであり、ヘッド押下げ式の液体噴出容器1と、その容器の容器本体上部へ嵌合させた、トリガー付きキャップ10とで形成するから、ヘッド押下げ式液体噴出容器に上記キャップを嵌合させるだけでトリガー式液体噴出容器とすることが出来、よってメーカーはヘッド押下げ式液体噴出容器をそのまま、或いは上記キャップ嵌合によりトリガー式としても出荷できることとなって生産効果によりコストを低廉とすることが出来る。

【0015】請求項1発明の場合は、頂壁開口部分の上縁へ係合させたストッパ27、27を切欠き25、25内へ押戻すだけでトリガー操作が可能となるからそのトリガー操作を不能とする安全装置の取外しが容易であると共に、該安全装置を施す場合は、ストッパ27、27上面に斜下方への傾斜面28、28が付形してあって、ストッパが頂壁14下方にある状態からトリガー22を前上方へ引上げるだけで頂壁開口部分の下端内縁に傾斜面28、28が圧接し、かつ弾性板26、26が弾性変形することで頂壁14の開口部分をストッパ27、27が通過可能としたから、その通過後直ちに弾性板26、26の弾性復元によりストッパ27、27は再び開口15の上縁へ係合することとなり、よって安全装置を施すことも極めて容易である。

【0016】請求項2の発明は、上記効果を有すると共に、ヘッド上面に穿設した係合溝7と水平板21下面から垂設してその係合溝内へ係合させた係合板29とでヘッド5の回転を阻止すると共に、その係合板29を介して、トリガー22引き寄せにより水平板で行うヘッド5の押下げを行えるよう設けたから、その係合板上で上記両作用を兼用させることが出来る便利がある。

【0017】請求項3発明は、既述各効果を有すると共に、キャップ本体頂壁14の溝部16、16内へストッパ27、27を嵌合させたから、該ストッパ上面がキャップ本体頂壁14上面から上方へ突出してキャップの外見を損ねることがない。

【図面の簡単な説明】

【図1】 図1Aは本発明容器の斜視図、同図Bは一部を切欠いた正面図である。

【図2】 安全装置取外し状態で示す、図1容器の斜視図である。

【図3】 図2容器の一部を切欠いて示す正面図である。

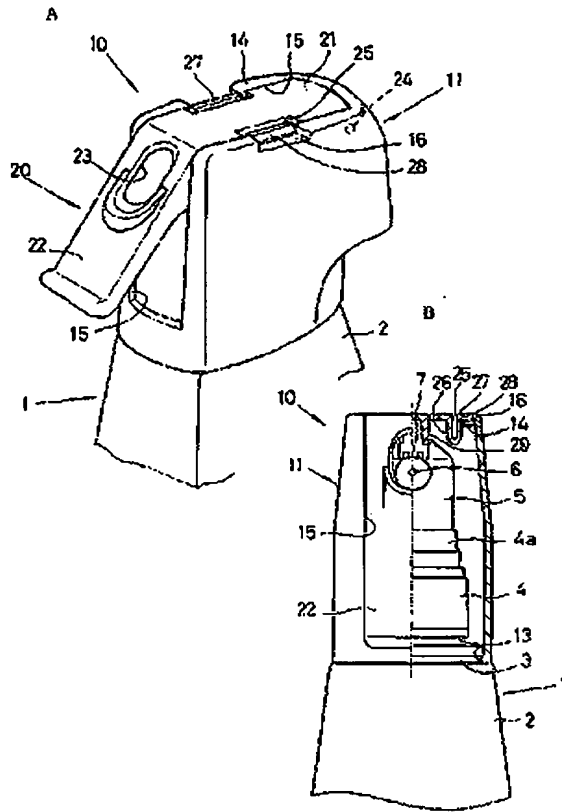
【符号の説明】

5…ヘッド	7…係合溝
20…屈曲板部材	21…水平板
22…トリガー	26…弾性板
27…ストッパ	29…係合板

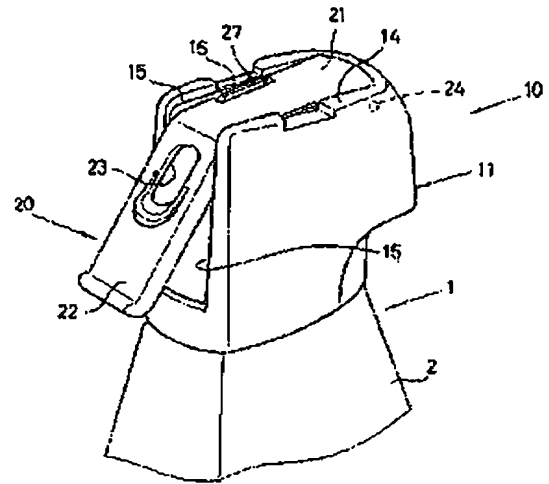
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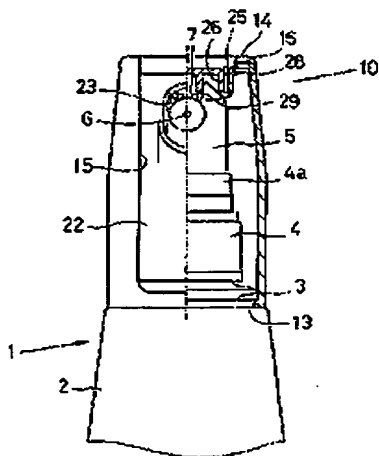
【図1】



【図2】



【図3】



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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Field of the Invention] This invention relates to the simple trigger type liquid jet container which the head push-down type liquid jet container of the pump known widely thru/or aerosol was made to carry out fitting of the cap with a trigger, and formed it in it.

[0002]

[Description of the Prior Art] The trigger type liquid jet container known conventionally forms the whole jet machine in a pistol configuration, as JP,4-17855,U shows, but since it becomes complicated [this jet machine / structure], it becomes expensive [cost].

[0003]

[Problem(s) to be Solved by the Invention] This invention in the pump currently used conventionally thru/or the head push-down type liquid jet container of aerosol Where it formed the safety device in the simple trigger type liquid jet container formed only by carrying out fitting of the cap with a trigger and this safety device is given It carries out and the structure and a safety device demount, and it prepares so that, and it may be use top convenience further, so that liquid jet may not be carried out even if it makes it a trigger that other objects can be touched etc. therefore. [actuation] [simply and]

[0004]

[Means for Solving the Problem] The liquid jet container 1 of the head push-down type which carried out fitting of the head 5 with a nozzle hole of front opening to the stem upper limit which stands up in the state of energization upwards from the inside of the body of a container as the 1st means, It consists of cap 10 with a trigger which carried out fitting through the concavo-convex engagement means to the above-mentioned upper part of a container body. This cap It passes along peripheral wall anterior part upper limit from top wall 14 posterior part. Even the front-face lower part of a peripheral wall continuation opening 15 The body 11 of a cap to carry out, The opening part of the above-mentioned top wall is blockaded by the horizontal plate 21 which made the posterior part pivot in a peripheral wall. A trigger 22 is formed in the method of slanting Shitamae from this horizontal plate front end by the protruding crookedness plate member 20. While making the point of the elastic plates 26 and 26 which turn up in the shape of U character, and stand up from horizontal plate 21 inferior surface of tongue into the notch 25 of the above-mentioned horizontal plate 21 formed in right-and-left both sides in part, and 25 insert in Resist the elasticity of an elastic plate to the upper limb of a top wall opening part, and ***** into a notch 25 and 25 makes the stoppers 27 and 27 attached at the tips of an elastic plate, such as this, engaged possible to it. In a stopper top face, it etc. In order to resist the elasticity of an elastic plate upwards and to carry out forcible passage of the stoppers, such as it, from a top wall opening partial lower part to it, Carry out the ** form of the inclined planes 28 and 28 to the method of the outside of the bottom of right and left, and a stopper makes depression of a head 5 possible from the condition of being located in a top wall opening partial lower part, further by descent of the horizontal plate anterior part of drawing a trigger 22 near to bottom back. Furthermore, the window hole 23 for jet liquid passage from the nozzle hole 6 was drilled in the trigger upper part again.

[0005] While making the engagement plate 29 installed from horizontal-plate 21 inferior surface of tongue while having the 1st means of the above and drilling the engagement slot 7 in the cross direction of head 5 top face as the 2nd means engaged possible [sliding] into the above-mentioned engagement slot 7 and preventing rotation of a head 5, it prepared so that the push down of the head 5 which draws a trigger 22 near to bottom back, carries out it, and is performed by the horizontal plate 21 performs through the above-mentioned engagement plate 29.

[0006] As the 3rd means, while having the 1st or 2nd means of the above, slots 16 and 16 were drilled in the both sides of the cross-direction pars intermedia of the body top wall 14 of a cap, and fitting of the stoppers 27 and 27 was carried out into this slot.

[0007]

[Embodiment of the Invention] 1 is the liquid jet container of a head push-down type. Any of a respectively well-known pump type or an aerosol type are sufficient as this liquid jet container. The body of a container with which the example of illustration is a pump-type liquid jet container, and 2 attached the concave 3 around drum-section upper limit, the wearing cylinder which made 4 screw in the body top neck part of a container, and 5 are the heads which carried out fitting to the stem upper limit which upper part energization is carried out and stands up out of the cylinder installed in the body of a container and which carry out opening of the nozzle hole 6 to the front face of the upper part, and are drilling the engagement slot 7 on the cross direction in the top face.

[0008] 10 is the cap which carried out fitting to the above-mentioned upper part of a container body, and this cap consists of a body of a cap, and a crookedness plate member.

[0009] The body 11 of a cap carries out fitting of the protruding line 13 attached around the peripheral wall 12 lower-limit inside into the above-mentioned concave 3. Moreover, from the posterior part of the top wall 14 which blockades the upper limit side of the peripheral wall, even the front-face lower part of a peripheral wall is continuously carried out opening 15 through peripheral wall anterior part upper limit. Slots 16 and 16 for the below-mentioned stopper engagement in the cross-direction pars intermedia of a top wall 14 It is good to make it form.

[0010] The crookedness plate member 20 protrudes a trigger 22 to the method of slanting Shitamae from the horizontal plate 21 front end which blockades the opening part of the above-mentioned top wall, and is drilling the window hole 23 for jet liquid passage from the previous statement nozzle hole 6 in the trigger upper part. The horizontal plate 21 pivots the posterior part in a peripheral wall 12 by the pin 24, and forms notches 25 and 25 in the right-and-left both-sides section of the cross-direction middle. Moreover, while making the elastic plate 26 and 26 points which turn up in the shape of U character, and stand up from horizontal plate 21 inferior surface of tongue into notches, such as this, insert, stoppers 27 and 27 are attached at the tips of an elastic plate, such as this, and fitting of the stoppers, such as this, is carried out into the previous statement slot 16 and 16. Stoppers, such as this, resist the elasticity of an elastic plate, ***** is made possible into the above-mentioned notch 25 and 25, and horizontal plate 21 anterior part is depressed from this ***** condition, thru/or by drawing trigger 22 anterior part near to bottom back, and carrying out it, as drawing 3 shows, suppose that it is movable to top wall 14 lower part. It etc. carries out the ** form of the inclined planes 28 and 28 to the method of the outside of the bottom of right and left to a stopper top face, and it is prepared in it so that the lower limit common-law marriage of a top wall opening part may touch the inclined plane upper part. Moreover, from this condition It prepares so that it may be engaged to the upper common-law marriage of the stopper inferior-surface-of-tongue fang furrow sections 16 and 16, as an elastic plate 26 carries out elastic deformation by pulling up a trigger 22 to the front upper part, stoppers 27 and 27 are stuffed into the inner direction, and a top wall opening part is passed, then it shape[of a cartridge]-restores again and drawing 1 A and B shows.

[0011] Furthermore, from horizontal plate 21 inferior surface of tongue, when the engagement plates 29 and 29 engaged to the right-and-left inside of the engagement slot 7 of the previous statement head 5 are hung and stoppers 27 and 27 are located to top wall 14 lower part as mentioned above, the engagement plates 29, such as it, and 29 lower limits touched engagement slot 7 base, and it has prepared so that a head 5 may be depressed by the trigger actuation from this condition and a liquid may be spouted from the nozzle hole 6.

[0012] In addition, the liquid which prevents rotation of a head 5 by engagement of that etc., and is spouted from the nozzle hole 6 the engagement slots 7, such as it, and the engagement plates 29 and 29 Since it is the rotation inhibition means of a head 5 established so that it might surely pass through the window hole 23 of the trigger upper part, this means For example, the inside of a fluting and this fluting can be formed in guide cylinder 4a which stands up from the wearing cylinder 4 made to screw in the body top neck part of a container, and a head 5 by the engagement child moving up and down, in addition various means can be considered on them. When establishing a different head rotation inhibition means from the example of illustration, liquid jet of the direct head 5 can be depressed, carried out and carried out on the horizontal plate 21 inferior surface of tongue.

[0013] moreover -- although slots 16 and 16 were established in the cross-direction pars intermedia of the body top wall 14 of a cap and stoppers 27 and 27 were made engaged into that slot in the example of illustration -- that slot -- also *(ing) -- what is necessary is not to need but just to make a stopper engaged to the upper limb of a top wall opening part in this case

[0014]

[Effect of the Invention] This invention is what is considered as a previous statement configuration. The liquid jet container 1 of a head push-down type, Since it forms in the upper part of a container body of the container with the cap 10 with a trigger which carried out fitting It can consider as a trigger type liquid jet container only by carrying out fitting of the above-mentioned cap to a head push-down type liquid jet container. Therefore, a manufacturer a head push-down type liquid jet container as it is Or it can ship also as a trigger type by the above-mentioned cap fitting, and cost can be made cheap by volume efficiency.

[0015] Since trigger actuation is attained only by ***** into a notch 25 and 25 in the stoppers 27 and 27 made engaged to the upper limb of a top wall opening part, while removal of the safety device which makes the trigger actuation impossible is easy in claim 1 invention When giving this safety device, the ** form of the inclined planes 28 and 28 to the method of the outside of the bottom of slant has been carried out to a stopper 27 and 27 top faces. Inclined planes 28 and 28 carry out a pressure welding to the lower limit common-law marriage of a top wall opening part only by pulling up a trigger 22 from the condition which has a stopper in top wall 14 lower part to the front upper part. And since stoppers 27 and 27 enabled passage of the opening part of a top wall 14 because elastic plates 26 and 26 carry out elastic deformation It is also very easy for stoppers 27 and 27 to be again engaged to the upper limb of opening 15 by elastic restoration of elastic plates 26 and 26 immediately after the passage, and to give a safety device therefore.

[0016] While invention of claim 2 prevents rotation of a head 5 with the engagement plate 29 which installed from the engagement slot 7 drilled in the head top face, and horizontal plate 21 inferior surface of tongue, and was made engaged to the engagement Mizouchi while having the above-mentioned effectiveness the engagement plate 29 -- minding -- a trigger 22 -- drawing near -- since it prepared so that the push down of the head 5 performed by the horizontal plate could be performed, there is convenience both the above-mentioned operations can be made to use also [convenience] with the engagement plate.

[0017] Since claim 3 invention carried out fitting of the stoppers 27 and 27 into the slot 16 of the body top wall 14 of a cap, and 16 while having previous statement each effectiveness, this stopper top face projects it upwards from body top wall of cap 14 top face, and it does not spoil the appearance of a cap.

[Translation done.]

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CLAIMS

[Claim(s)]

[Claim 1] The liquid jet container 1 of the head push-down type which carried out fitting of the head 5 with a nozzle hole of front opening to the stem upper limit which stands up in the state of energization upwards from the inside of the body of a container, It consists of cap 10 with a trigger which carried out fitting through the concavo-convex engagement means to the above-mentioned upper part of a container body. This cap It passes along peripheral wall anterior part upper limit from top wall 14 posterior part. Even the front-face lower part of a peripheral wall continuation opening 15 The body 11 of a cap to carry out, The opening part of the above-mentioned top wall is blockaded by the horizontal plate 21 which made the posterior part pivot in a peripheral wall. A trigger 22 is formed in the method of slanting Shitamae from this horizontal plate front end by the protruding crookedness plate member 20. While making the point of the elastic plates 26 and 26 which turn up in the shape of U character, and stand up from horizontal plate 21 inferior surface of tongue into the notch 25 of the above-mentioned horizontal plate 21 formed in right-and-left both sides in part, and 25 insert in Resist the elasticity of an elastic plate to the upper limb of a top wall opening part, and ***** into a notch 25 and 25 makes the stoppers 27 and 27 attached at the tips of an elastic plate, such as this, engaged possible to it. In a stopper top face, it etc. In order to resist the elasticity of an elastic plate upwards and to carry out forcible passage of the stoppers, such as it, from a top wall opening partial lower part to it, Carry out the ** form of the inclined planes 28 and 28 to the method of the outside of the bottom of right and left, and a stopper makes depression of a head 5 possible from the condition of being located in a top wall opening partial lower part, further by descent of the horizontal plate anterior part of drawing a trigger 22 near to bottom back. Furthermore, the simple trigger type liquid jet container characterized by drilling the window hole 23 for jet liquid passage from the nozzle hole 6 in the trigger upper part again.

[Claim 2] The simple trigger type liquid jet container according to claim 1 characterized by to prepare so that the push down of the head 5 which draws a trigger 22 near to bottom back, carries out it, and is performed by the horizontal plate 21 may perform through the above-mentioned engagement plate 29, while making the engagement plate 29 installed from horizontal-plate 21 inferior surface of tongue while drilling the engagement slot 7 in the cross direction of head 5 top face engaged possible [sliding] into the above-mentioned engagement slot 7 and preventing rotation of a head 5.

[Claim 3] The simple trigger type liquid jet container according to claim 1 or 2 which drills slots 16 and 16 in the both sides of the cross-direction pars intermedia of the body top wall 14 of a cap, and is characterized by carrying out fitting of the stoppers 27 and 27 into this slot.

[Translation done.]

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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] The perspective view of this invention container and this drawing B of drawing 1 A are notching **** front views about a part.

[Drawing 2] It is the perspective view of the drawing 1 container shown in the state of safety device removal.

[Drawing 3] It is a notching ***** front view in some drawing 2 containers.

[Description of Notations]

5 -- Head 7 -- Engagement slot

20 -- Crookedness plate member 21 -- Horizontal plate

22 -- Trigger 26 -- Elastic plate

27 -- Stopper 29 -- Engagement plate

[Translation done.]

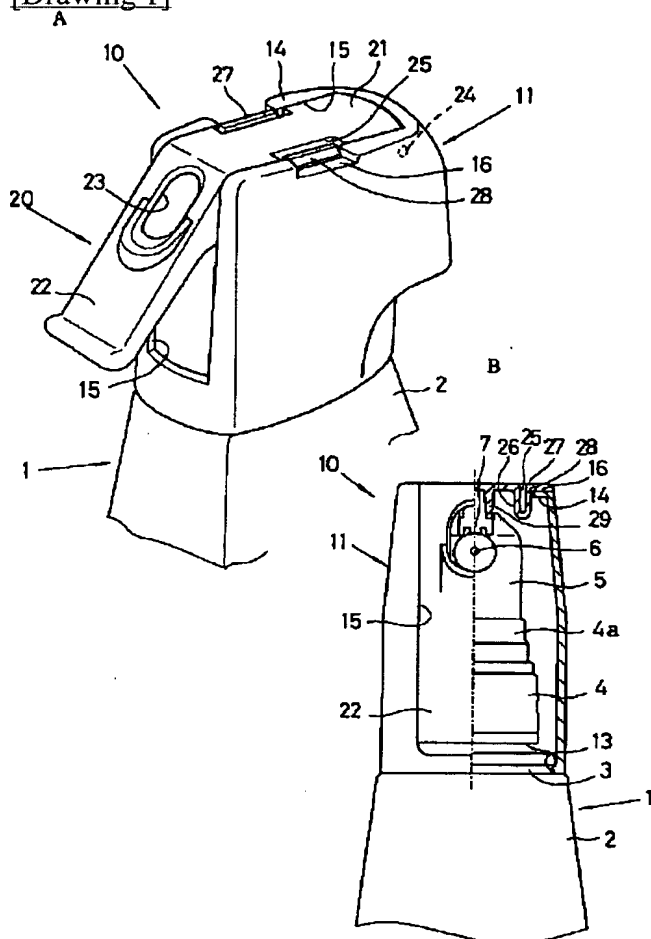
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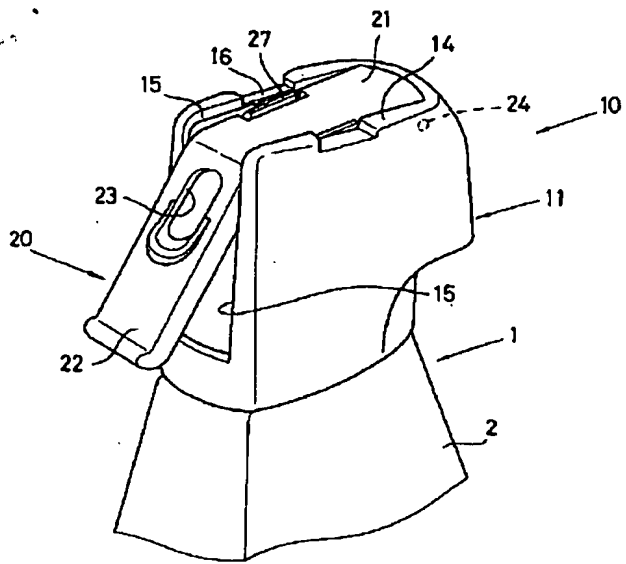
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DRAWINGS

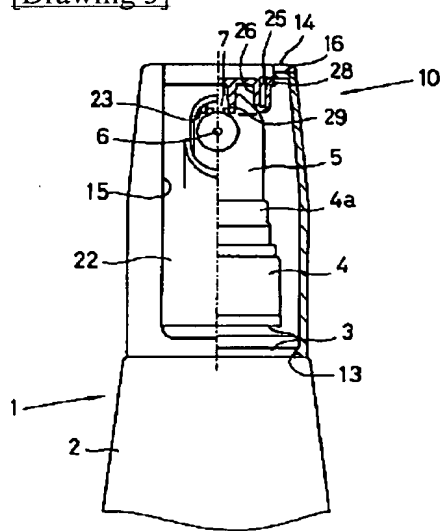
[Drawing 1]



[Drawing 2]



[Drawing 3]



[Translation done.]